

WHAT IS CLAIMED IS:

1. A display device, comprising;  
a substrate; and  
a display area and a peripheral area being formed on said substrate;  
wherein a signal line is extended from said display area to said peripheral area on said substrate, and said signal line at said peripheral area is covered with a first insulating film, a semiconductor layer, and a second insulating film in this order.
2. A display device according to claim 1, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into said display area.
3. A display device according to claim 1, further comprising a drive IC mounted on said peripheral area, wherein one end of said signal line which extends at said peripheral area is connected to an output terminal of said driver IC.
4. A display device according to claim 3, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into a portion below said driver IC.

5. A display device according to claim 3, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into a position halfway into said output terminal.

6. A display device according to claim 3, wherein at least one portion of said first insulating film, said semiconductor layer, and said second insulating film is overlapped by said driver IC.

7. A display device according to claim 1, wherein said display area comprises a plurality of pixel areas.

8. A display device according to claim 7, wherein each of said plurality of pixel areas is formed by an area surrounding a plurality of signal lines and a plurality of scanning lines.

9. A display device, comprising;  
a substrate;  
a signal line which is extended from a display area to a peripheral area on said substrate; and  
a first insulating film, a semiconductor layer, and a second insulating film covers said signal line at said peripheral area.

10. A display device according to claim 9, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed in this order.

11. A display device according to claim 10, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into said display area.

12. A display device according to claim 10, further comprising a drive IC mounted on said peripheral area, wherein one end of said signal line which extends at said peripheral area is connected to an output terminal of said driver IC.

13. A display device according to claim 12, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into a portion below said driver IC.

14. A display device according to claim 12, wherein said first insulating film, said semiconductor layer, and said second insulating film are formed so as to extend into a position halfway into said output terminal.

15. A display device according to claim 12, wherein at least one portion of said first insulating film, said semiconductor layer, and said second insulating film is overlapped by said driver IC.

16. A display device according to claim 10, wherein said display area comprises a plurality of pixel areas.

17. A display device according to claim 16, wherein each of said plurality of pixel areas is formed by an area surrounding a plurality of signal lines and a plurality of scanning lines.

18. A display device, comprising;  
a substrate;  
a first insulating film, a semiconductor layer, and a second insulating film formed at a peripheral area of said substrate; and  
a signal line formed under said first insulating film, said semiconductor layer, and said second insulating film.

19. A display device according to claim 18, wherein said signal line is overlapped with said first insulating film, said semiconductor layer, and said second insulating film.

20. A display device according to claim 19, wherein said signal line is extended from a display area to said peripheral area on said substrate.